



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Wylie Collin County Texas	FILL	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 480759		
IDENTIFIER	Scholz Parcel B	APPROXIMATE LATITUDE AND LONGITUDE: 33.006, -96.565 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 48085C0415 J DATE: June 2, 2009 TYPE: FIRM* NO.: 48085C0420 J DATE: June 2, 2009		DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: June 2, 2009 PROFILES: 60P-66P FLOODWAY DATA TABLE: 5	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) AND REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

Muddy Creek - from approximately 30 feet upstream of Sanden Boulevard to approximately 60 feet downstream of F.M. 544

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Muddy Creek	Zone AE	Zone AE	YES	YES
	Floodway	Floodway	YES	YES
	BFEs*	BFEs	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

Michael J. McGinn, Program Specialist
Engineering Management Branch
Mitigation Directorate

10-06-1838P

102-I-A-C



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) AND REVISED REACH(ES)

Muddy Creek Tributary A - from the confluence with Muddy Creek to approximately 1,120 feet upstream of the confluence with Muddy Creek

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Muddy Creek Tributary A	Zone AE	Zone AE	YES	YES
	BFEs*	BFEs	NONE	YES
	Zone X (shaded)	Zone X (shaded)	NONE	YES

* BFEs - Base Flood Elevations

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

Michael J. McGinn, Program Specialist
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that any permits required by Federal or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

A handwritten signature in black ink, appearing to read "Michael J. McGinn".

Michael J. McGinn, Program Specialist
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Frank Pagano
Director, Mitigation Division
Federal Emergency Management Agency, Region VI
Federal Regional Center, Room 206
800 North Loop 288
Denton, TX 76209
(940) 898-5127

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panels and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

A handwritten signature in black ink, reading "Michael J. McGinn".

Michael J. McGinn, Program Specialist
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency
Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

PUBLIC NOTIFICATION OF REVISION

PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET NAVD 88)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Muddy Creek	Approximately 70 feet downstream of F.M. 544	490	491	48085C0415 J
Muddy Creek Tributary A	Approximately 1,120 feet upstream of the confluence with Muddy Creek	489	488	48085C0415 J

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised BFEs presented in this LOMR may be changed.

A notice of changes will be published in the *Federal Register*. A short notice also will be published in your local newspaper on or about the dates listed below. Please refer to FEMA's Web site at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp for a more detailed description of proposed BFE changes, which will be posted within a week of the date of this letter.

LOCAL NEWSPAPER Name: *The Wylie News*
Dates: 08/25/2010 and 09/01/2010

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

Michael J. McGinn, Program Specialist
Engineering Management Branch
Mitigation Directorate

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
McKamy Branch								
A	23,190 ¹	283	463	5.0	683.5	683.5	683.5	0.0
B	23,640 ¹	40	145	13.4	684.0	684.0	684.0	0.0
McMillan Tributary								
A	960 ²	88	352	3.7	562.4	562.4	562.6	0.2
B	1,280 ²	68	167	7.7	566.3	566.3	566.3	0.0
C	1,600 ²	128	240	5.3	570.0	570.0	570.1	0.1
D	2,000 ²	82	193	6.4	575.3	575.3	575.4	0.1
Muddy Creek (Upper Reach)					REVISED DATA			
A	63,601 ³	424	4648	1.7	486.9	486.9	487.9	1.0
B	64,571 ³	701	3564	0.9	487.2	487.2	488.2	1.0
C	66,734 ³	420	1747	1.4	488.4	488.4	489.0	0.6
D	68,994 ³	52	434	4.6	491.4	491.4	492.1	0.7
E	69,687 ³	91	587	3.0	492.9	492.9	493.8	0.9
F	70,785 ³	224	765	2.2	495.3	495.3	495.9	0.6
G	71,353 ³	52	401	4.2	496.0	496.0	496.7	0.7
H	73,219 ³	59	431	3.9	499.7	499.7	500.1	0.4
I	73,754 ³	340	313	5.4	526.0	526.0	526.0	0.0
J	82,668 ³	592	5612	1.5	526.6	526.6	526.7	0.1
K	85,584 ³	468	2783	2.6	527.4	527.4	528.3	0.9
L	87,353 ³	343	2063	3.5	530.7	530.7	531.5	0.8
M	88,750 ³	490	2950	2.3	533.4	533.4	534.3	0.9

¹Feet above confluence with White Rock Creek

²Feet above mouth

³Feet above Lake Ray Hubbard

**REVISED TO
REFLECT LOMR
EFFECTIVE: December 30, 2010**

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY
**COLLIN COUNTY, TX
AND INCORPORATED AREAS**

FLOODWAY DATA

**MCKAMY BRANCH - MCMILLAN TRIBUTARY - MUDDY
CREEK (UPPER BRANCH)**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Muddy Creek (Upper Reach) (Cont'd)								
N	90,717 ¹	490	3248	2.1	536.8	536.8	537.4	0.6
O	93,070 ¹	310	1672	2.6	541.0	541.0	541.7	0.7
P	94,353 ¹	186	1091	4.0	543.2	543.2	544.2	1.0
Q	97,062 ¹	456	3710	1.1	547.3	547.3	548.2	0.9
R	94,864 ¹	399	2749	1.4	550.0	550.0	551.0	1.0
S	94,748 ¹	242	1562	2.5	553.5	553.5	554.4	0.9
T	101,077 ¹	367	1590	1.8	558.9	558.9	559.9	1.0
U	102,590 ¹	244	932	3.1	563.3	563.3	564.2	0.9
V	103,894 ¹	49	462	6.3	568.4	568.4	569.2	0.8
W	104,202 ¹	55	549	5.3	568.7	568.7	569.7	1.0
Muddy Creek Tributary	REVISED DATA							
A	2,030 ²	226	797	2.5	482.3	482.3	483.2	0.9
B	3,240 ²	82	365	5.5	489.3	489.3	489.9	0.6
C	4,250 ²	177	664	3.0	495.2	495.2	496.1	0.9
D	4,375 ²	185	623	3.2	497.6	497.6	498.5	0.9
E	5,600 ²	80	383	5.3	502.0	502.0	502.6	0.6
F	6,880 ²	128	519	3.9	509.4	509.4	510.4	1.0
G	7,700 ²	180	887	3.3	512.5	512.5	513.4	0.9

¹Feet above Lake Ray Hubbard

²Feet above confluence with Muddy Creek (Upper Reach)

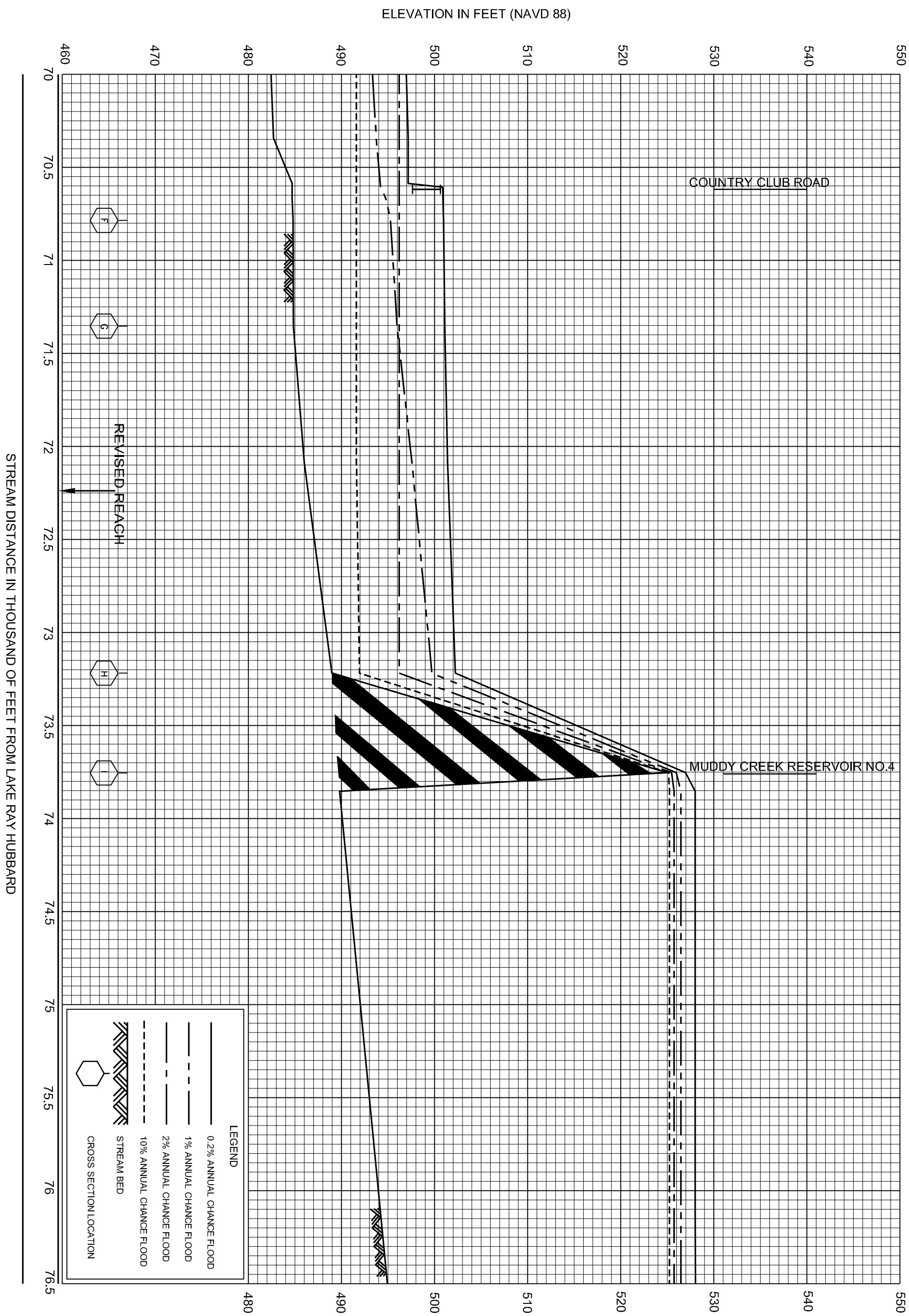
**REVISED TO
REFLECT LOMR
EFFECTIVE: December 30, 2010**

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY
**COLLIN COUNTY, TX
AND INCORPORATED AREAS**

FLOODWAY DATA

MUDDY CREEK (UPPER BRANCH) - MUDDY CREEK TRIBUTARY



REVISED TO REFLECT LOMR FL
EFFECTIVE: December 30, 2010

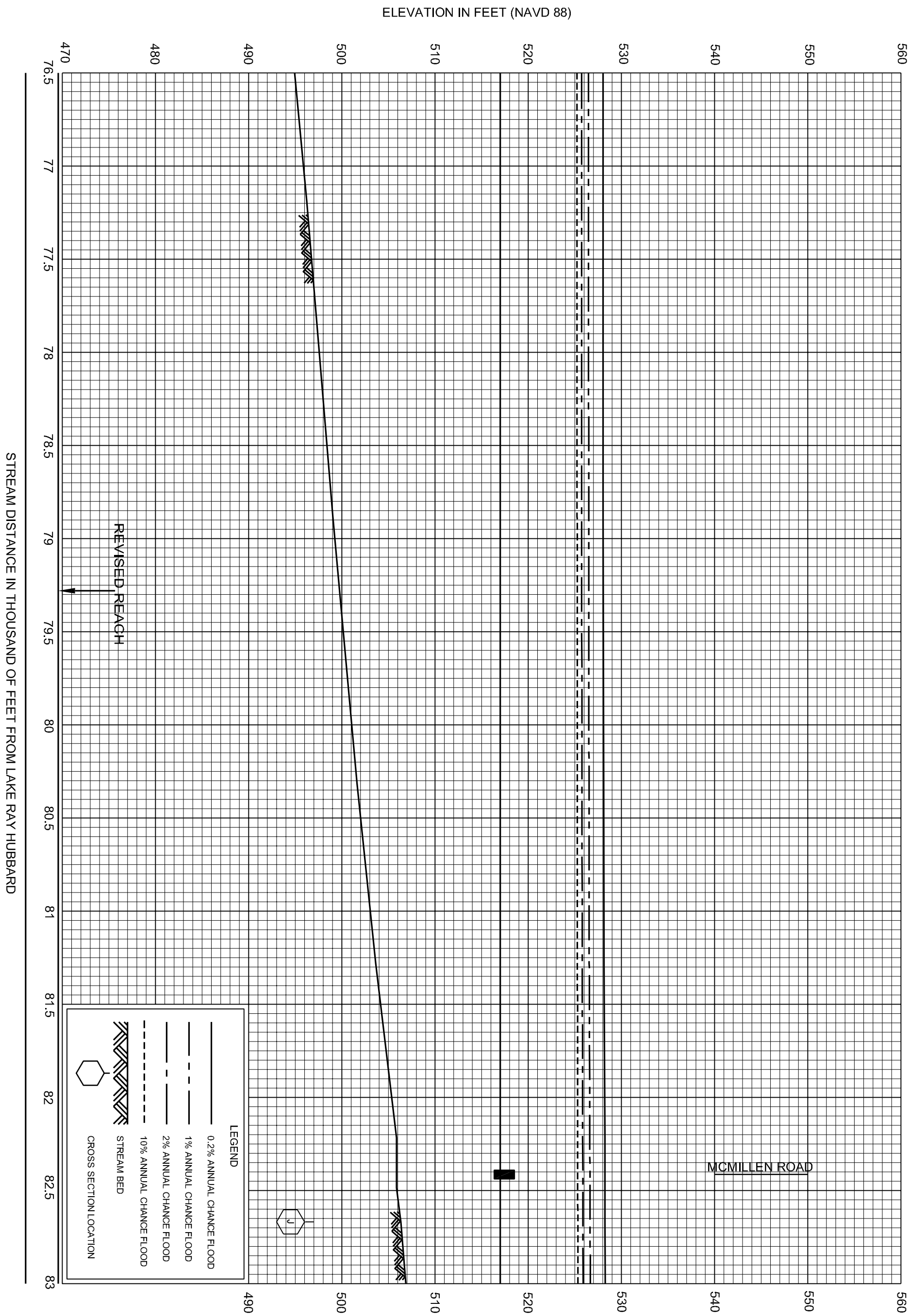
FLOOD PROFILES

MUDDY CREEK (UPPER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

COLLIN COUNTY, TX
AND INCORPORATED AREAS

61P



REVISED TO REFLECT LOMR FL
EFFECTIVE: December 30, 2010

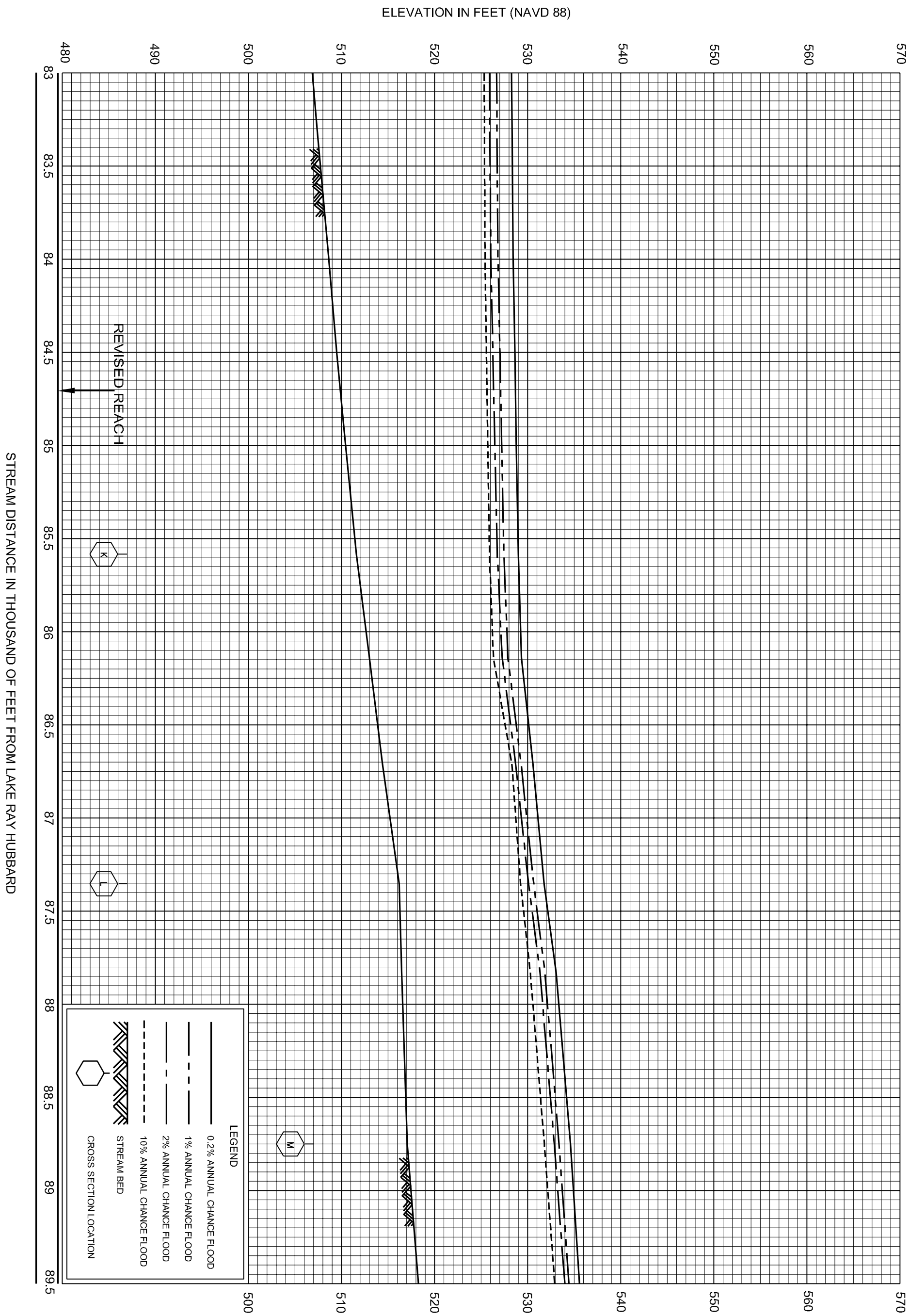
FLOOD PROFILES

MUDDY CREEK (UPPER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

COLLIN COUNTY, TX
AND INCORPORATED AREAS

62P



**REVISED TO
REFLECT LOMR
EFFECTIVE: Dec**

FLOOD PROFILES

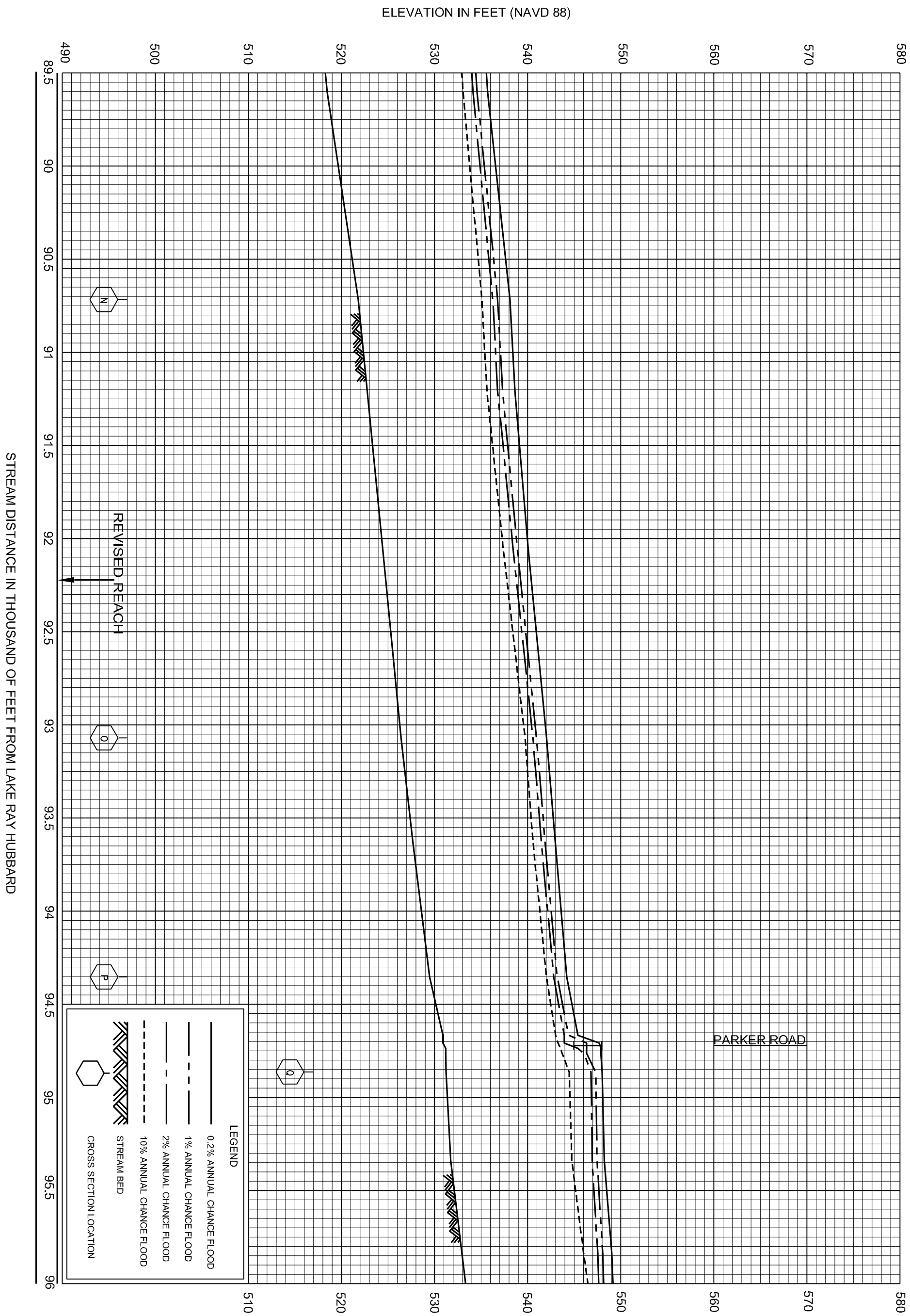
MUDDY CREEK (UPPER REACH)

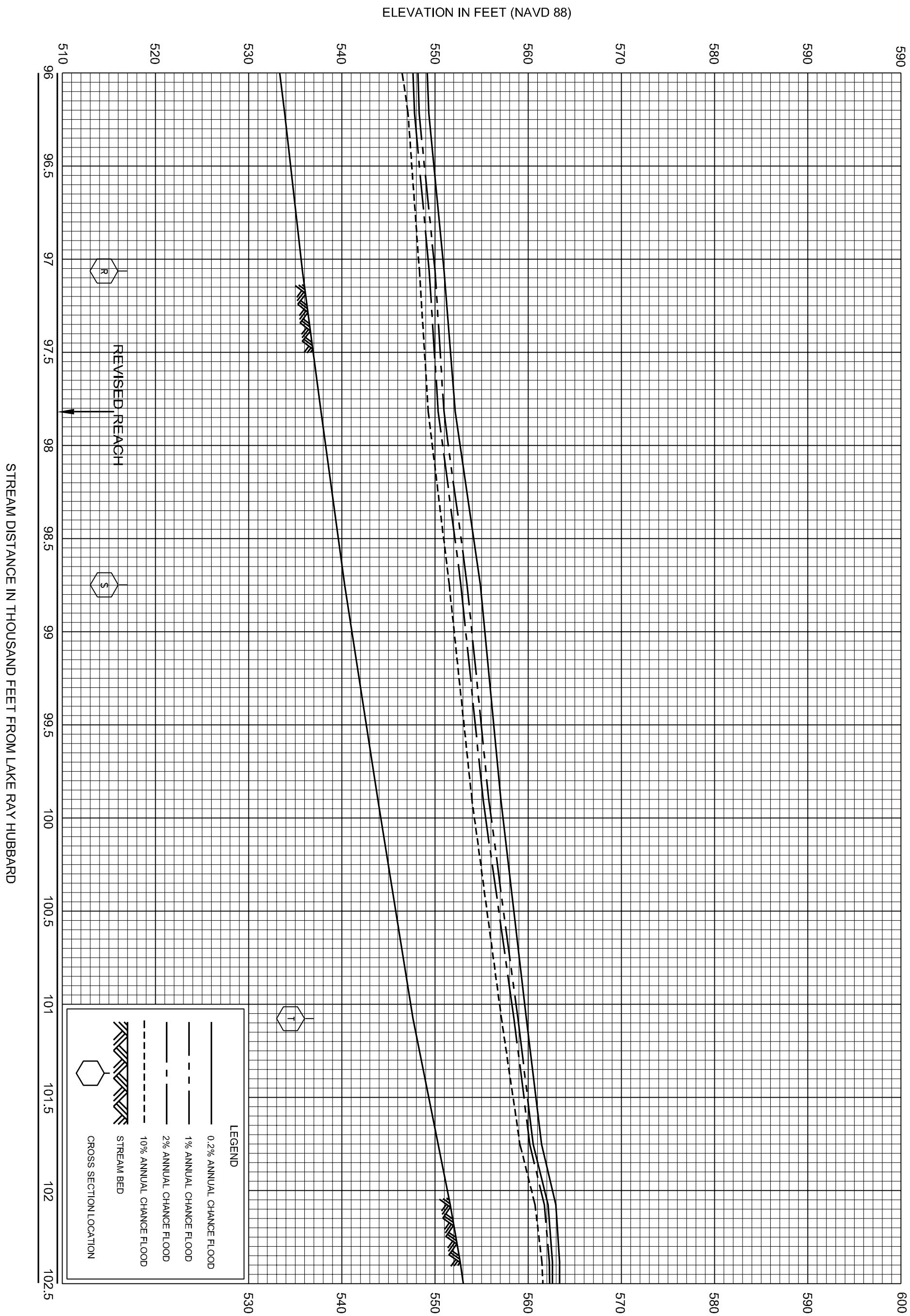
FEDERAL EMERGENCY MANAGEMENT AGENCY

COLLIN COUNTY, TX

AND INCORPORATED AREAS

63P





**REVISED TO
REFLECT LOMR FL
EFFECTIVE: December 30, 2010**

FLOOD PROFILES

MUDDY CREEK (UPPER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

COLLIN COUNTY, TX
AND INCORPORATED AREAS

65P

